



PATENT ABSTRACTS OF JAPAN

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(21) Application number: **08276206**(22) Date of filing: **18.10.1996**(71) Applicant: **mitsubishi electric corp**(72) Inventor: **TAKANO MICHIAKI****(54) TRANSMISSION POWER CONTROLLER****(57) Abstract:**

PROBLEM TO BE SOLVED: To increase the channel capacity of a transmission power control system by reducing a power control error in the system, in which a step size with a control delay is in existence.

SOLUTION: In order to provide a feedback function to a discrimination device 104 of a base station 101, the base station 101 is provided with a correction section 181 consisting of an adder 108, a delay circuit 110 and an amplifier 109. The correction section 181 adds a control content by a transmission power control command having already been outputted to a power control error obtained, based on reception power from a

mobile station to which a control content of a transmission power control command (TPC bit) which has already been outputted to the mobile station 102, so as to generate a new transmission power control command.

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